

## DEUREX EO 4510 W

### TECHNICAL INFORMATION

**Chemical description:** Water-based dispersion of polar oxidized HDPE wax DEUREX EO 45

**Benefits:** DEUREX EO 45 probably the hardest wax in the world

**Application:** Water-based dispersion for

- Textile industry
- Lubricant and release agent
- Care products
- Coatings and inks
- Paper industry
- Hotmelts

**Properties:**

- High abrasion and scratch resistance
- Improved slip

**Solid content:** Polar oxidized HDPE wax

**Solvent:** Water

**Technical data:**

Colour:	White opaque	Method
Delivery form:	Liquid	ASTM D 3954
Packaging:	IBC 950 kg, drum 200 kg, canister 10 kg	

	<b>Minimum</b>	<b>Maximum</b>	<b>Method</b>
Drop point (wax):	132 °C	135 °C	ASTM D 3954
Solid content*:	44 %	46 %	IR Moisture-Analyzer
Particle size*:		98 % < 10 µm	ISO 1524
Typical value:		50 % ~ 6 µm	
Emulsifier system:	non-ionic		
pH-value:	3.0	6.0	pH-Electrode

\* part of certificate of analysis

**Processing:**

- Stir well before usage
- Consume quickly after opening

**Storage, shelf life:**

- Store at temperatures between +5 °C and +28 °C
- Avoid frost
- Shelf life 6 months in closed original container

**Alternative products:** <https://www.deurex.com/productsearch/DEUREX-EO-4510-W/>

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